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| <b>Search Notes</b><br><br> | <b>Application/Control No.</b><br><br>10518038 | <b>Applicant(s)/Patent Under Reexamination</b><br><br>WANG ET AL. |
|  | <b>Examiner</b><br><br>GUINEVER S GREGORIO     | <b>Art Unit</b><br><br>4162                                       |

### SEARCHED

| Class | Subclass | Date | Examiner |
|-------|----------|------|----------|
|       |          |      |          |

### SEARCH NOTES

| Search Notes  | Date              | Examiner |
|---|-------------------|----------|
| East database search: inventor search, ids, keyword search carbon monoxide CO H2 hydrogen syngas        | 09/25/08-09/29/08 | gsg      |
| NPL Google and Google scholar keywords autothermal partial oxidation HER natural gas syngas EHTR        | 09/25/08-09/29/08 | gsg      |
| PLUS Search Request   | 03/02/2009        | gsg      |
| Updated East Database Search: please see attached   | 02/27/09-03/06/09 | gsg      |
| NPL Google, Google Scholar and Sciencedirect: keywords same as East Database search please see attached | 02/27/09-03/06/09 | gsg      |

### INTERFERENCE SEARCH

| Class | Subclass   | Date     | Examiner |
|-------|--|----------|----------|
| 502   | 218 and search terms please see attached                                   | 09/25/09 | gsg      |
| 518   | 702, 704 and search terms please see attached                              | 09/25/09 | gsg      |
| 423   | 651, 650, 652, 418.2, 245.3, 359, 657 and search terms please see attached | 09/25/09 | gsg      |
| 48    | 198.7, 198.1, 198.2, 127.9, 198.5, 69 and search terms please see attached | 09/25/09 | gsg      |
| 166   | 90.1 and search terms please see attached                                  | 09/25/09 | gsg      |
| 252   | 373 and search terms please see attached                                   | 09/25/09 | gsg      |
| 95    | 195, 196 and search terms please see attached                              | 09/25/09 | gsg      |
| 422   | 239,235 and search terms please see attached                               | 09/25/09 | gsg      |

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